

# ***Headquarters U.S. Air Force***

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***Integrity - Service - Excellence***

## **U.S. Air Force Future Total Force**



**Brig Gen Allison Hickey  
Director**

**Future Total Force Directorate**

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The only way to stand-up emerging mission requirements is to divest legacy missions and shift manpower and resources



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# ***The FTF Objective . . .***

**to produce a smaller, more capable,  
more affordable Air Force composed of  
Active, Guard, and Reserve Airmen by  
recapitalizing our force and  
changing our organizational constructs  
in a way that defends, deters, and defeats  
every adversary in any future challenge  
to the American way of life**



# 2025 FTF Force Structure

- **Modernization with Aggressive Divestment**
  - Meets OSD fiscal guidance
  - Manages investment how, where
- **Smaller Force, Increased Capability**
  - 25% fewer fighters, 10% fewer total aircraft
  - Higher crew ratios for increased utilization
  - 100% PGM-capable and 90%+ LO fighter force
  - Networked, integrated joint force
  - TST, machine-to-machine interfaces
  - Increased SOF, LR strike, UAVs
- **Even More Support to Joint Enablers**
  - More airlift/refueling capability from smaller force
  - Rejuvenated, more capable space constellations
  - 24/7, all-weather, persistent air-breathing ISR
  - All-weather CAS
- **Re-organizing/Re-shaping for the Future**
  - Integrating Active, Guard, Reserve
  - Force Development - a new approach
  - Battlefield Airmen to support all ops
  - Properly aligned Warfighting HQ and Space
  - More AEF-deployable personnel

Capabilities-Based Analyses

RANGE  
PAYLOAD  
PERSISTENCE  
ACCESS  
SURVIVABILITY



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# ***Organizational Transformation:***

## ***A Legacy of Change***

**1968:**

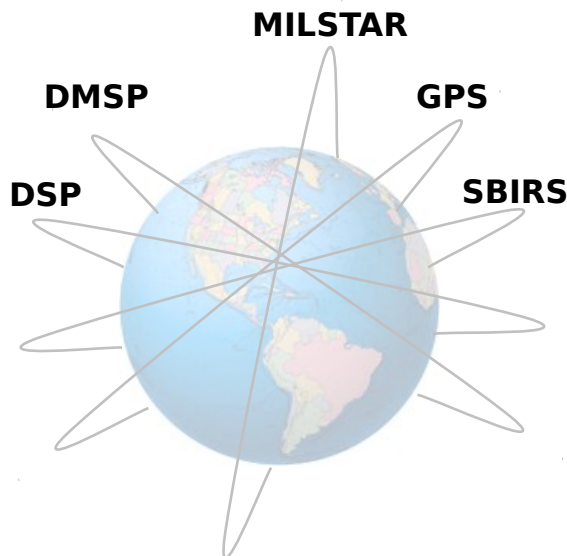
***Reserve Associate***



**Two Crews, One Airframe**

**1996-97:**

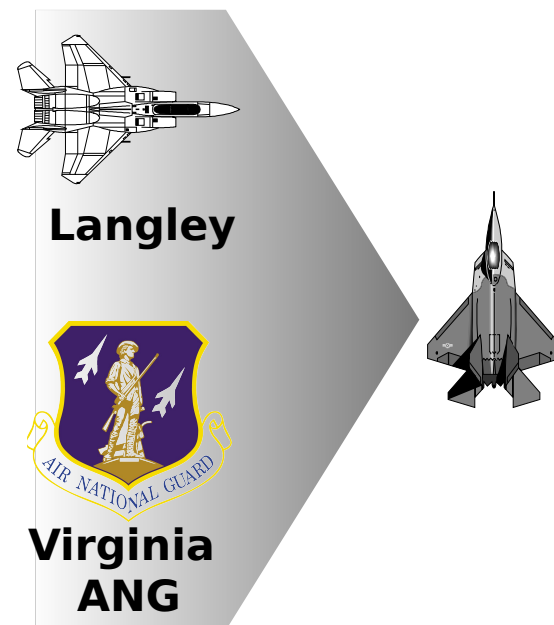
***310<sup>th</sup> Space Group  
137<sup>th</sup> Space Warning Sq***



**ANG, AFRC, and Space**

**Future:**

***F/A-22***



**F-16 to F/A-22**

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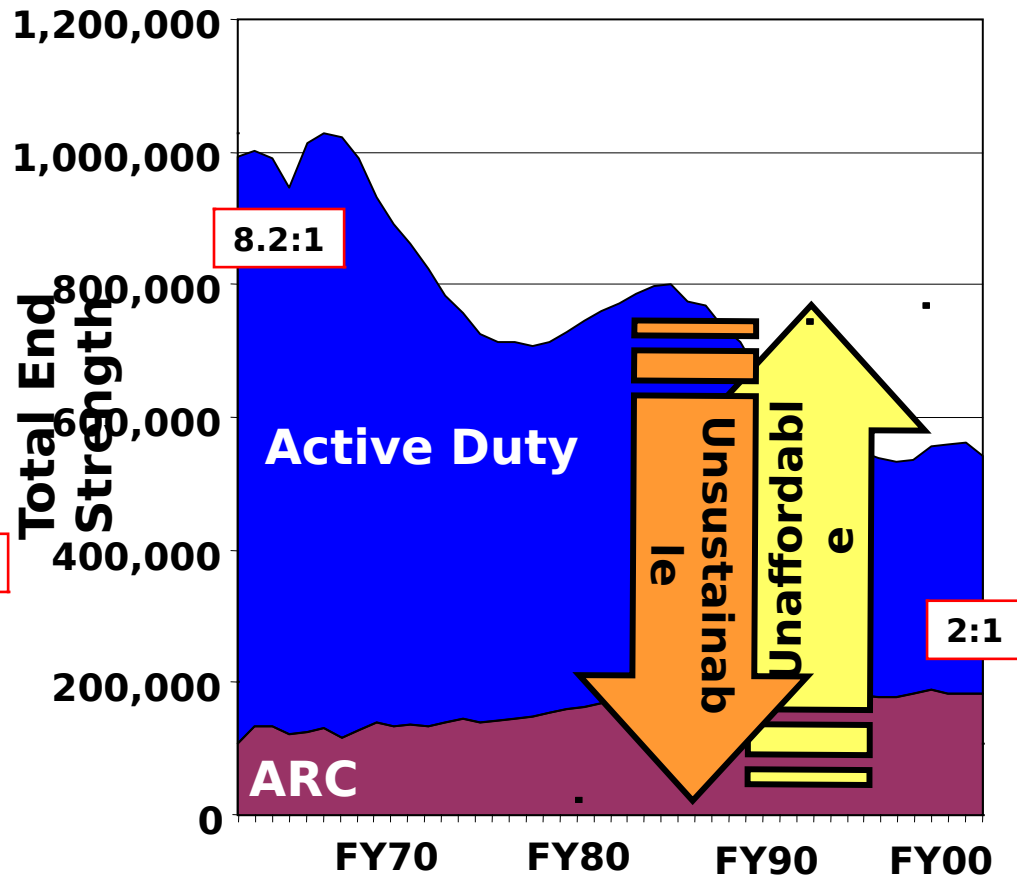
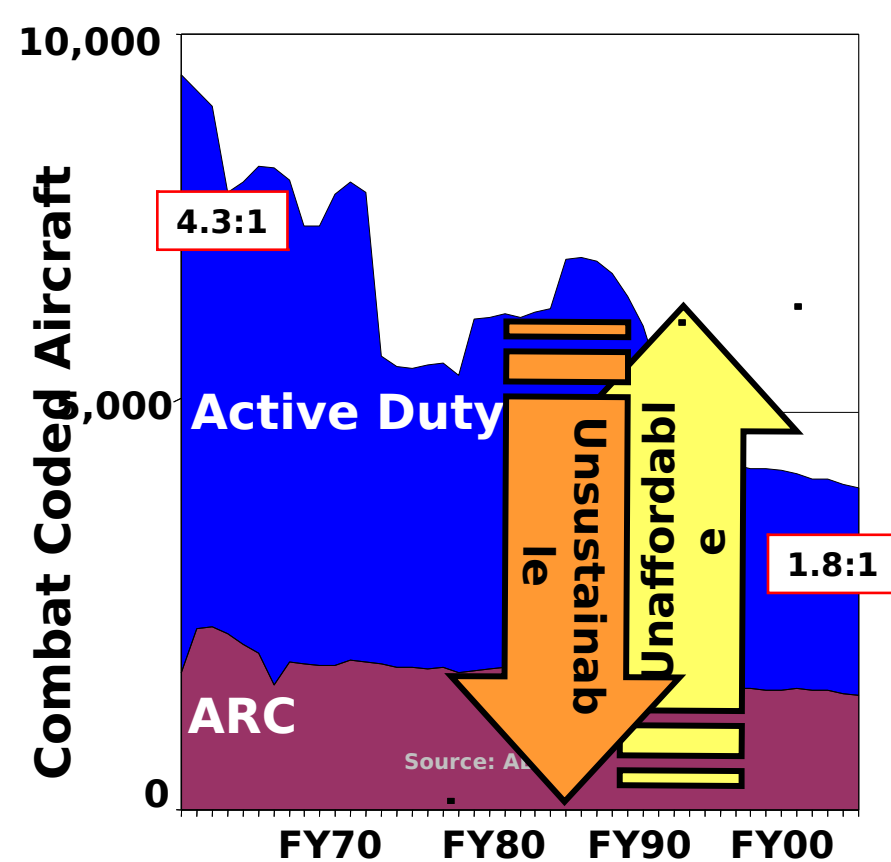




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# The Case for FTF

## Interdependence a fact of life

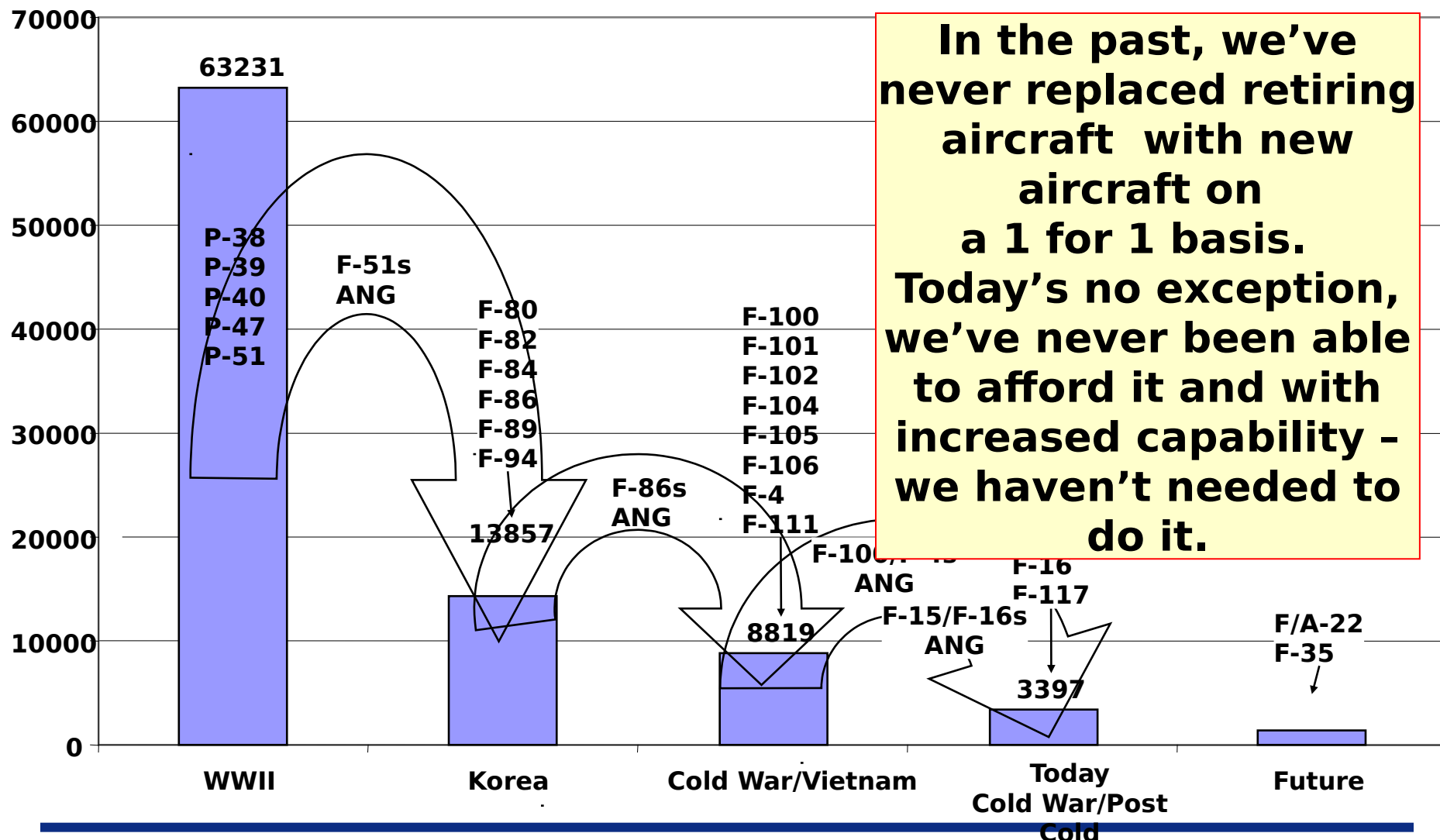


Pushing the Force One Way or the Other Isn't the Answer -  
Pushing It Together More Is the Only "Sustainable - Affordable"  
Answer



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# History of Air Force Fighter Procurement



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# ***Future Total Force “On Ramps”***

- **Retire oldest, least capable/most expensive equipment**
- **Divest active duty manpower**

- **New, emerging and enduring missions**

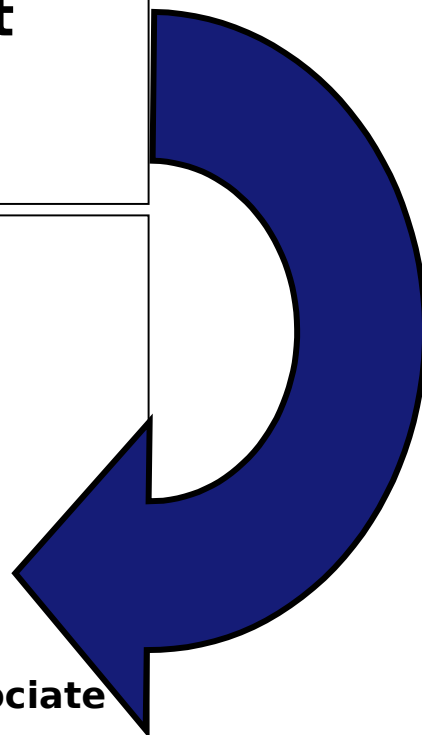
- ★ ■ **Unmanned Aerial Vehicles**
- ★ ■ **Space Operations**
- ★ ■ **Distributed Common Ground System**
- ★ ■ **Air and Space Operations Center**
- ★ ■ **Contingency Response Group**
- **Information Operations**
- **Battlefield Airmen**
- ★ ■ **Medical Missions**

- **Innovative organizational constructs.**

- **Associate, Active Associate, Integrated Associate**

- **Retained ARC manpower**

- **Flows to enduring/new/emerging missions**
- **Retains experience**



**Reinvest  
Savings**

**Vision: ARC/Active Duty Share All Missions**

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# Air and Space Operations Center



- **Nerve Center for All Air Operations**
- **Crews Operating Around the Clock**
- **Officials Plan, Control and Track Missions**
  - Time-sensitive Targeting
  - Battlefield Coordination
  - Theater Missile Defense
  - Joint Search and Rescue
  - Special Operations Support

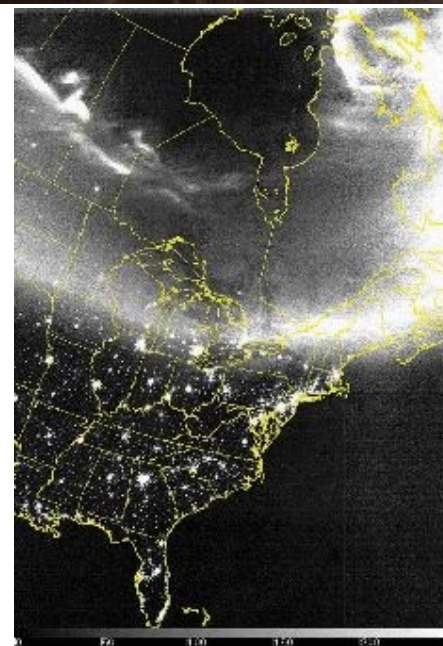




# Space Operations

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- **Integrate ANG/Reserve Forces**
  - **Missile Warning, Satellite Operations, Range Management and Space Launch Operations**
- **Support Growth in USSPACECOM, NORAD, Combatant Commander Information Needs**
- **Integral Component of AOC Operations**



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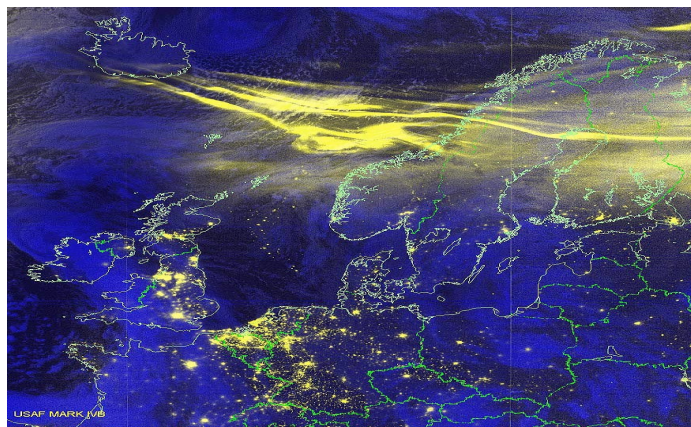
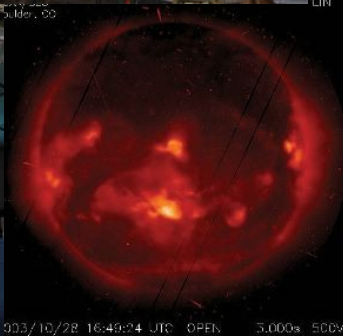




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# Information Operations

- Emerging Field With More Requirements Than AD Can Handle
- Includes Computer Assessments, Telecommunications Monitoring, Open Sources, HUMINT, IMINT, and Physical Security
- Reachback Use of Civilian Expertise, & Homeland Defense Applications Make IO Particularly Compatible With ARC



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# **Predator Remotely Piloted Aircraft**



## **Multirole Aircraft**

- Intelligence, Surveillance, Reconnaissance
- Target and Attack
- Battle Damage Assessment

## **Dynamically Taskable Weapon System**

- Combines All Elements of the Targeting Cycle in a Single System
  - Find, Fix, Target, Track, Engage, and Assess



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# Distributed Common

## Ground System (DCGS)

- Exploitation and Dissemination Unit  
Designed to Provide Actionable Intelligence
- Near Real-time Data Via Imagery, Electronic, and Human Intelligence Analysis
- Serves Combatant Commanders, Strategic and Tactical Communities
- Reachback Intelligence Processing
  - Located in CONUS



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# Battlefield Airmen

## Air Force's Direct Link to Combat Soldier/Marine

### Consists of Following Missions:

- **Air Supt Operations Centers (ASOC)/Tactical Air Control Party (TACP)**
  - Provide USAF Advice and Direct Field Support for US Army, USAR and ARNG
  - Increasing Numbers to Support Army's Combat Brigade Team Growth
- **Battlefield Weather Teams (BWT)**
  - Support US Army and Special Operations Forces (SOF)
- **Combat Control Teams (CCT) and Special Tactics Teams (SST)**
  - Directly Supports SOF
- **Combat Rescue**
  - Includes AFSOC Combat Search and Rescue (CSAR) and SOF Support



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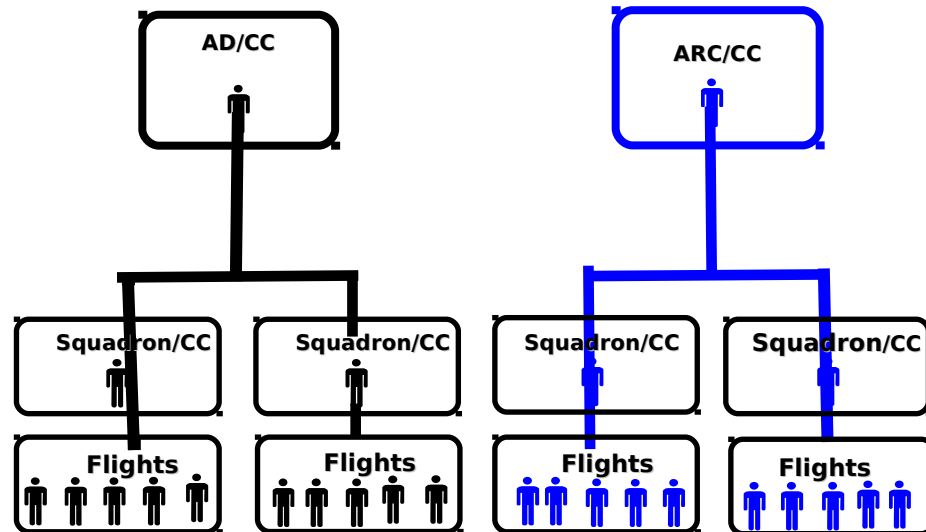
# Classic Associate

 Active Duty  
(AD)

 ARC  
(AFRC/ANG)



AD has  
Primary Responsibility  
for Aircraft



An integration model where an **active duty component unit retains principal responsibility for weapon system or systems**, which it shares with one or more reserve component units. Active and reserve component units retain separate organizational structures and chains of command. Varying degrees of functional integration based on MOU's.

Example: C-5 mission at Dover AFB



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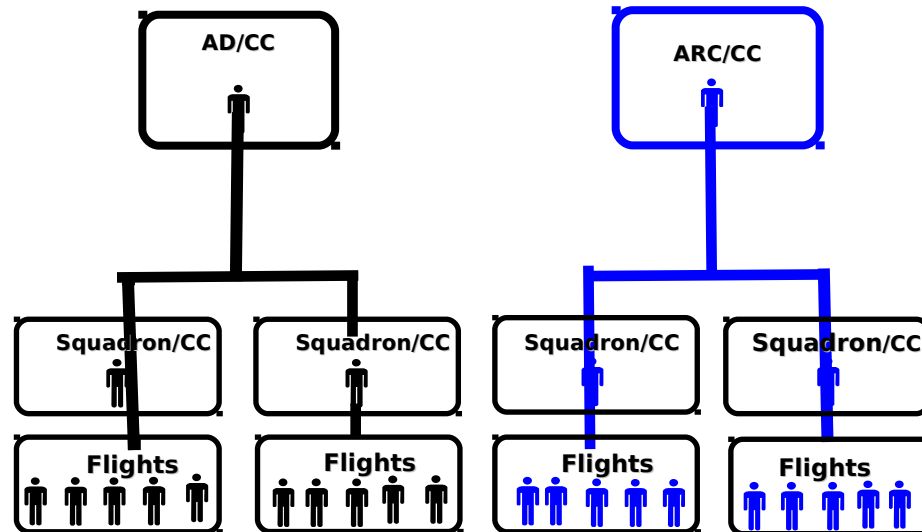
# Active Associate

 Active Duty  
(AD)

 ARC  
(AFRC/ANG)



ARC has  
Primary  
Responsibility  
for Aircraft



An integration model where a **reserve component unit has principal responsibility for weapon system or systems**, which it shares with one or more active duty units. Reserve and active component units retain separate organizational structures and chains of command. Varying degrees of functional integration based on MOU's.

Example: 919th Special Ops Wing at Duke Field



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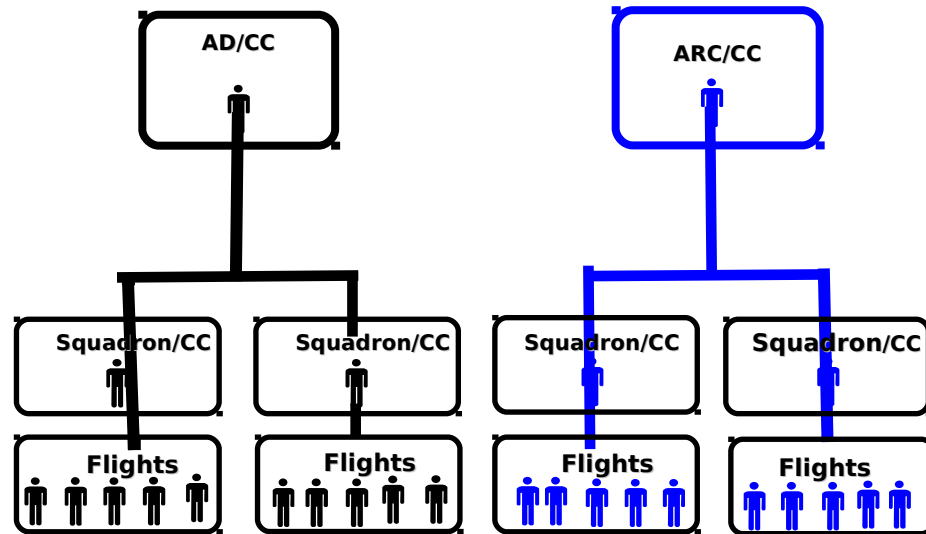
# ARC Associate

 Reserve Unit

 ANG Unit



Reserve or ANG has  
Primary Responsibility  
for Aircraft



An integration model where two or more ARC units integrate with **one retaining principal responsibility for weapon system or systems**, which are shared by all. Each unit retains separate organizational structures and chains of commands. Varying degrees of functional integration based on MOU's.

Example: None currently exist

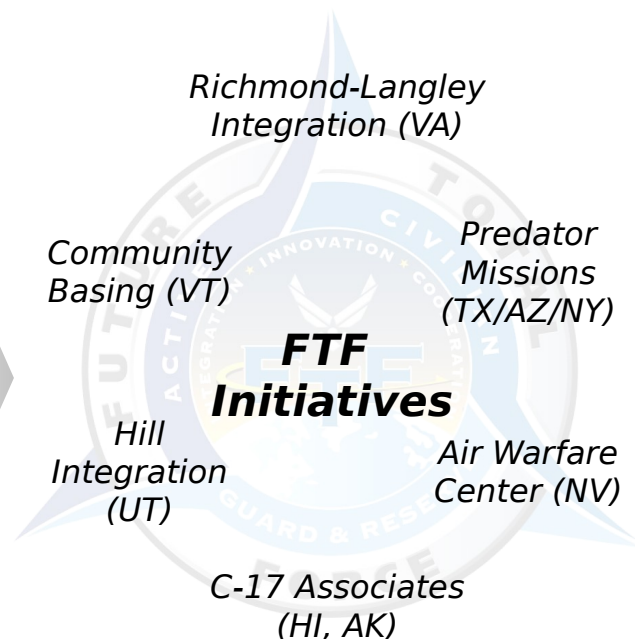


# ***Future Total Force Organizing for the Future...Today***

## ***What?***



## ***How?***



## ***Result?***

*Increased  
Capability  
in Wartime*

*Greater  
Efficiency in  
Peacetime*

**Integration of Active, Guard and Reserve essential  
to maximizing Force Structure Capability**

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# ***Way ahead***

- **Working with all Stakeholders (NGB, ANG, TAGs, AFRC, MAJCOMs, HAF Functionals) to build the implementation plan**
- **Continue to develop emerging missions with “on ramps” that are viable and relevant to combatant commanders, Governors, Congress and the President**
- **Commitment that Guard and Reserve E/S remains the same - Active duty modestly shrinks**
- **Continuous flow of information through meetings,**

**F is not just about solving fiscal problems - We would do this even with unlimited resources!**

**It's the Right thing to do to make a better Air Force**

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# ***AF Future Total Force***

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## **Questions?**



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# **Backup Slides**



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# **Analysis Behind FTF**

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# Assumptions

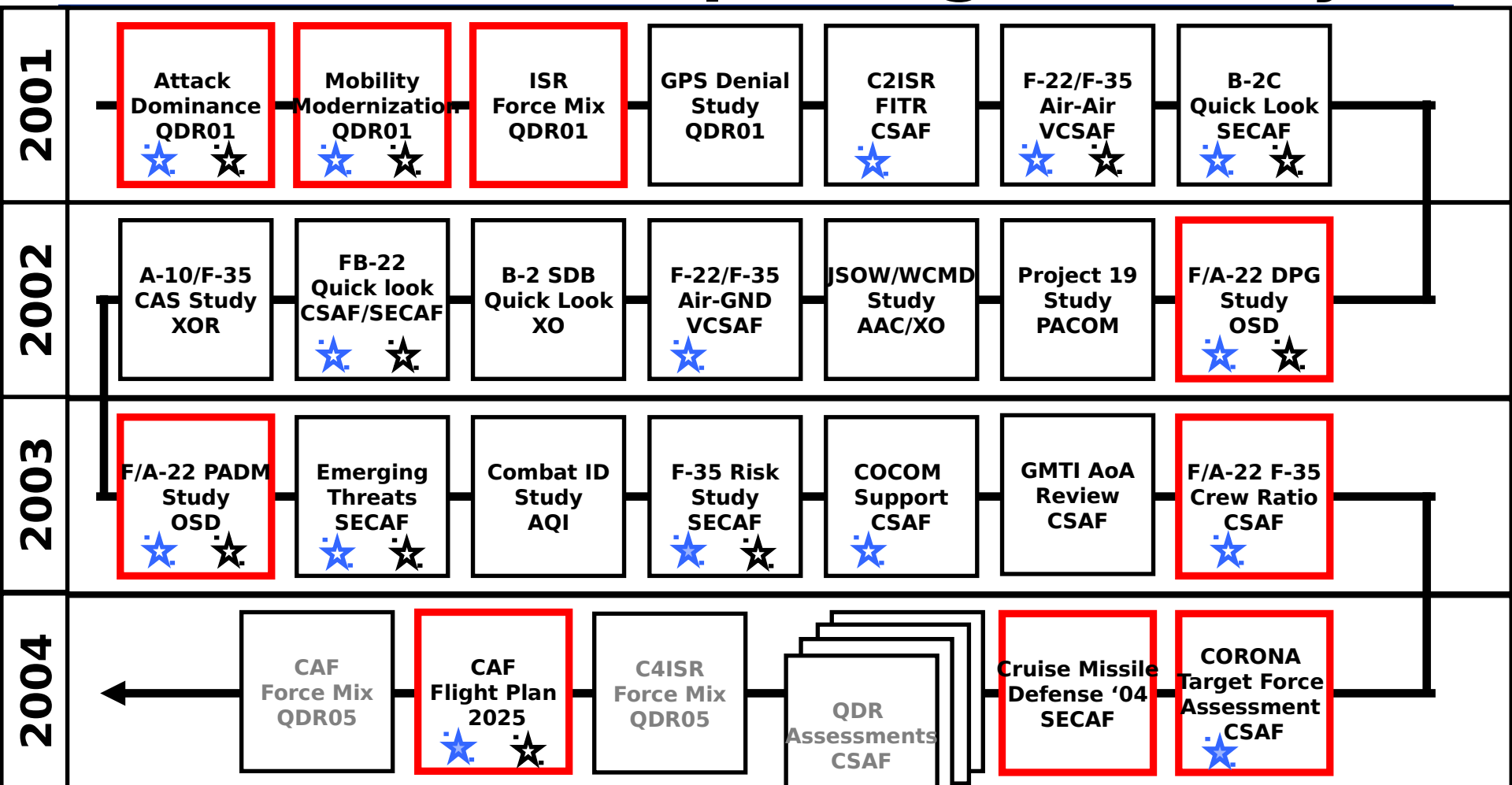
- **1-4-2-1 Strategy and win the GWOT**
  - **ASA Requirement for Level 1 with faster response times “untouchable”**
- **10-30-30 pace will increase UCC demand for air & space**
- **Dominance of SPG’s “Strategic Commons” is a condition for joint force success (AIR-SPACE-SEA-CYBER)**
- **Enemy will significantly improve anti-access capabilities**
- **Operational access...a necessary condition for joint operations & key requirement to combatant’s objectives**
- **Army transformation will change required air & space distributed persistence over the battlefield**



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# Foundation Studies Underpinning Air Analysis



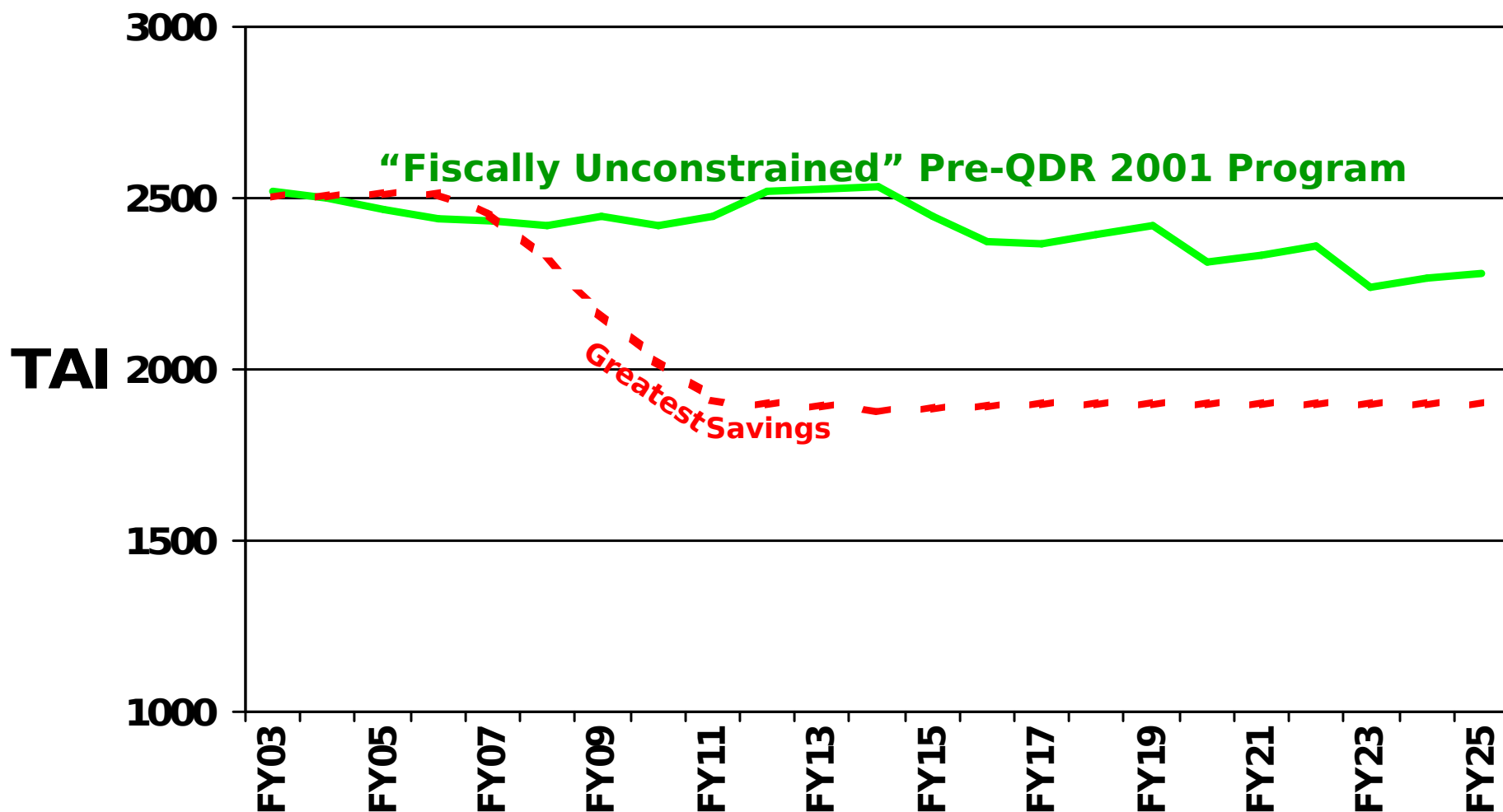
Briefed to: CSAF (★) SECAF (★)

Additional Calibration Studies not Depicted



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# Total Fighter Force Comparison





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# The ANG Assessment in 2001

UNITS	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11
1	F-15A	F-15A	F-15A	F-15A	F-15A	F-15C	F-15C	F-15C	F-15C
2	F-15A	F-15A	F-15A	F-15A	F-15A	F-15C	F-15C	F-15C	F-15C
3	F-15A	F-15A	F-15A	F-15A	F-15A	F-15A	F-15A	F-15C	F-15C
4	F-15A	F-15A	F-15A	F-15A	F-15A	F-15C	F-15C	F-15C	F-15C
5	F-15A	F-15A	F-15A	F-15A	F-15A	F-15C	F-15C	F-15C	F-15C
6	F-15A	F-15A	F-15A	F-15A	F-15A	F-15A	F-15A	F-15C	F-15C
7	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30
8	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30
9	F-16/25	F-16/25	F-16/25	F-16/25	F-16/25	F-16/25	F-16/25	F-16/25	F-16/25
10	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30
11	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30
12	F-16/42	F-16/42	F-16/42	F-16/42	F-16/42	F-16/42	F-16/42	F-16/42	F-16/42
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36									
37	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30
38	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30
39	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30
40	F-15A	F-15A	F-15A	F-15A	F-15A	F-15A	F-15C	F-15C	F-15C

**Close in FY19**  
2 Units/7 Years  
1 Unit/6 years

**22 Units of ANG F-16  
At Max Service Life at FY18**

**16 F-16 Units Have No Viable  
Weapon System for 3-7 Years**

**6 Units of A-10 - Still in A-10  
Until FY26**

**Close in FY20**  
Units/6 Years  
Units/5 years  
Units/4 years

**Close in FY21**  
3 Units/3 Years

FY18 FY19 FY20 FY21 FY22 FY23 FY24 FY25 FY26

FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26
F-15C	F-15C	F-15C	F-15C	F-15C	F-15C	F-15C
F-15C	F-15C	F-15C	F-15C	F-15C	F-15C	F-15C
F-15C	F-15C	F-15C	F-15C	F-15C	F-15C	F-15C
F-15C	F-15C	F-15C	F-15C	F-15C	F-15C	F-15C
F-15C	F-15C	F-15C	F-15C	F-15C	F-15C	F-15C
F-15C	F-15C	F-15C	F-15C	F-15C	F-15C	F-15C
F-16/30	F-16/30	J SF	J SF	J SF	J SF	J SF
F-16/40	F-16/40	F-16/40	F-16/40	F-16/40	F-16/40	F-16/40
F-16/40	F-16/40	F-16/40	F-16/40	F-16/40	F-16/40	F-16/40
F-16/30	F-16/30	J SF	J SF	J SF	J SF	J SF
F-16/40	F-16/40	F-16/40	F-16/40	F-16/41	F-16/41	J SF
F-16/42	F-16/42	F-16/42	F-16/42	F-16/42	F-16/42	J SF
F-16/42	F-16/42	F-16/42	F-16/42	F-16/42	F-16/42	J SF
F-16/40	F-16/40	F-16/40	F-16/40	F-16/41	J SF	J SF
F-16/40	F-16/40	F-16/40	F-16/40	J SF	J SF	J SF
16C/52	F-16C/52	J SF	J SF	J SF	J SF	J SF
F-16/30	F-16/30	J SF	J SF	J SF	J SF	J SF
F-16/40	F-16/40	F-16/40	F-16/40	F-16/40	J SF	J SF
F-16/40	F-16/40	F-16/40	F-16/40	F-16/40	J SF	J SF
F-16/30	F-16/30	J SF	J SF	J SF	J SF	J SF
F-16/40	F-16/40	F-16/40	F-16/40	J SF	J SF	J SF
F-16/40	F-16/40	F-16/40	F-16/40	J SF	J SF	J SF
F-16/40	J SF	J SF	J SF	J SF	J SF	J SF
16C/25	J SF	J SF	J SF	J SF	J SF	J SF
F-16/40	J SF	J SF	J SF	J SF	J SF	J SF
F-16/40	J SF	J SF	J SF	J SF	J SF	J SF
F-16/40	F-16/40	F-16/40	J SF	J SF	J SF	J SF
F-15C	F-15C	F-15C	F-15C	F-15C	F-15C	F-15C
F-16/40	F-16/40	F-16/40	J SF	J SF	J SF	J SF
F-10	A-10	J SF	J SF	J SF	J SF	J SF
F-10	A-10	J SF	J SF	J SF	J SF	J SF
F-10	A-10	J SF	J SF	J SF	J SF	J SF
F-10	A-10	J SF	J SF	J SF	J SF	J SF
F-10	A-10	A-10	A-10	A-10	A-10	J SF
F-10	A-10	J SF	J SF	J SF	J SF	J SF
F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	F-16/30
F-16/40	F-16/40	F-16/40	F-16/40	F-16/40	F-16/40	J SF
F-16/30	F-16/30	F-16/30	F-16/30	F-16/30	J SF	J SF
F-15C	F-15C	F-15C	F-15C	F-15C	F-15C	F-15C

**JSF Begins 2011 and buys to  
1763**

**Peak Production Rate 2014 -  
110/vr**

**Current  
Assumptions**

**40 Units Required in  
FY26**

VICE - EXCELLENCE





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# The Old Line: Impact of a 25 % Reduced JSF Buy (Mix remains 60/35/5)

Squadron	ANG FTU-1	ANG FTU-2	ANG OPS-1	ANG OPS-2	ANG OPS-3	ANG OPS-4	AFRC OPS-5	ANG OPS-6	ANG OPS-7	ANG OPS-8	ANG OPS-9	ANG OPS-10	ANG OPS-11	ANG OPS-12	AFRC OPS-13	ANG OPS-14	ANG OPS-15	ANG OPS-16	ANG OPS-17	ANG OPS-18
AF Plan	2019	2019	2021	2021	2021	2021	2022	2022	2022	2022	2022	2023	2023	2023	2023	2023	2024	2024	2024	2024
ANG Plan	2015	2016	2016	2016	2017	2017	2018	2018	2019	2019	2019	2020	2020	2021	2021	2022	2022	2023	2023	2023
Squadron	AFRC OPS-19	ANG OPS-20	ANG OPS-21	ANG OPS-22	ANG OPS-23	ANG OPS-24	AFRC OPS-25	ANG OPS-26	ANG OPS-27	ANG OPS-28	AFRC OPS-29	ANG OPS-30	AFRC OPS-31	ANG OPS-32	AFRC OPS-33	ANG OPS-34	F-16/F-22	A-10 /F-15E	F-16/F15C	
AF Plan	2024	2024	2025	2025	2025												2007	2015	2004	
ANG Plan	2024	2024	2025	2025	2025												2007	2015	2004	

**Options: Some F-22/JSF Blended Units, UAV, UCAV, ABL, FB-22, IO, Space, BRAC (Blended Unit Adds Change Mix)**

**7 ANG Squadrons Uncovered**

**\*All F-15C+ Have No JSF Follow-on**

## Legend

20XX	Straight F-16 or A-10 conversion to JSF in 20XX
20XX	F-16 Upgrade at 8K hours, then convert to JSF in 20XX
	Uncovered - No JSF available
20XX	AFRC conversion, 8K hour data unavailable

**ANG Future Force Structure Study 2001**

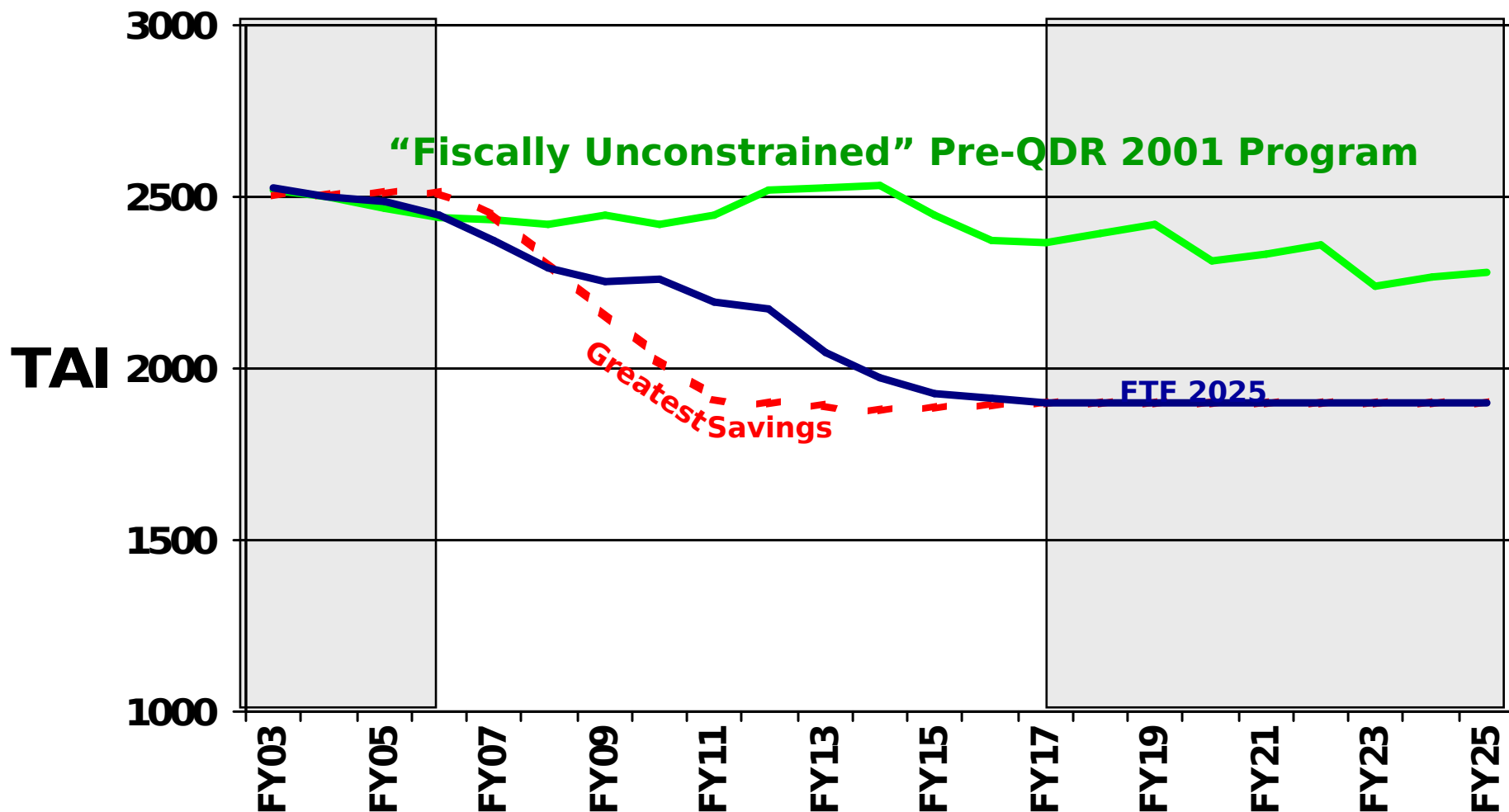
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# Total Fighter Force Comparison

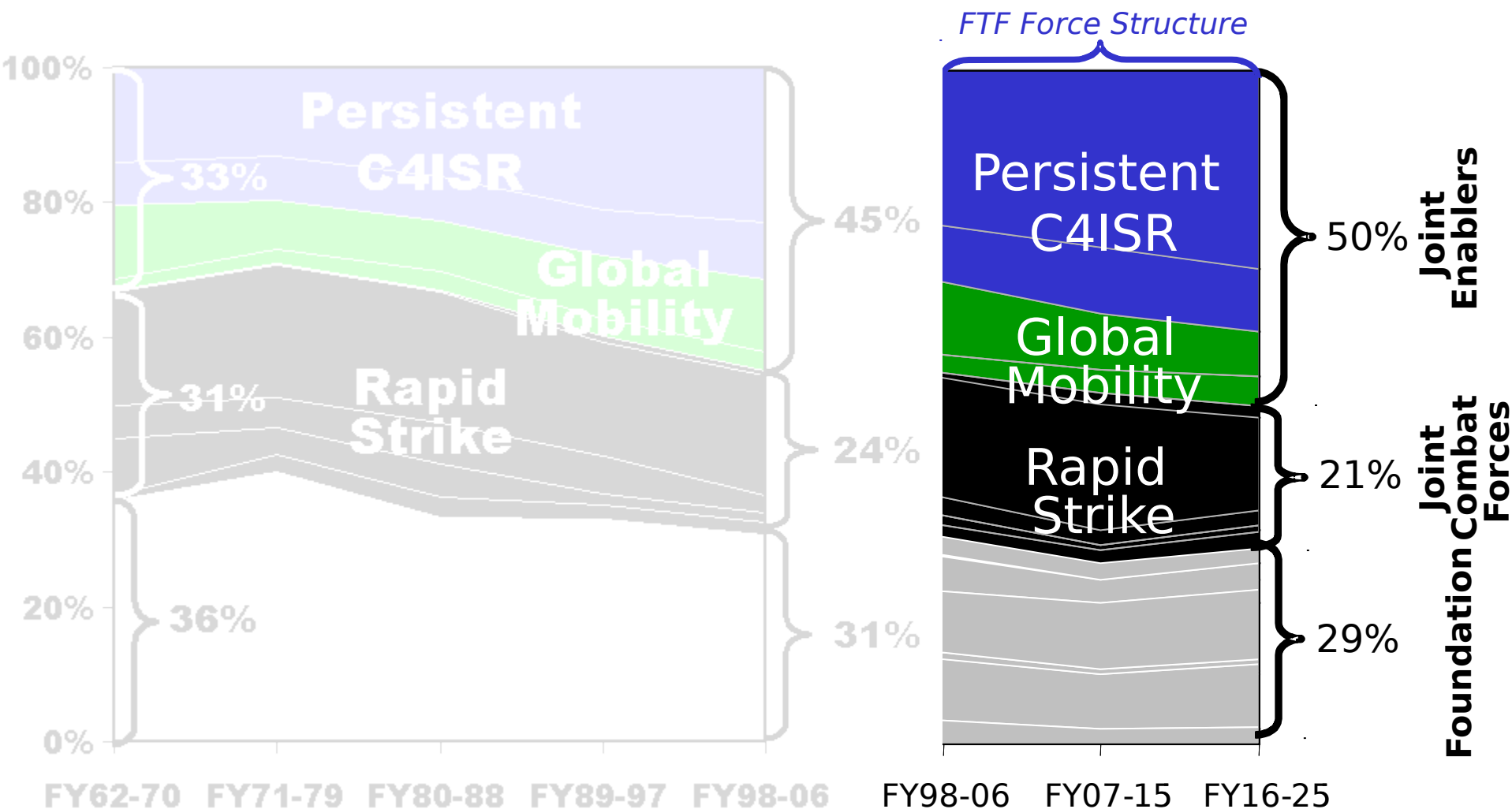
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# USAF is Strengthening Joint Warfighting Capabilities



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# SECAF Letter 7 Feb 05 to SECDEF

We are working to finalize the details for the stand up of as many as **15 Active/Air National Guard (ANG) Predator A/B Squadrons**. We've got 3 Active squadrons now, we've announced 2 ANG locations...

\*Third ANG location announced in NY In lieu of DGCS  
\*AFRC/AFSOC Predator unit announced

This gives us **significantly enhanced opportunities** for more orbits in **CENTCOM's Area of Responsibility (AOR)** as well as new opportunities for **PACOM, SOCOM, NORTHCOM, and SOUTHCOM**.



SECRETARY OF THE AIR FORCE  
WASHINGTON

19AT

cc: WJ  
flea

MEMORANDUM FOR SECRETARY OF DEFENSE

SUBJECT: Predator B Update

I understand the subject of Predator B came up at the update for you:

- We are working to finalize the details for the stand up of as many as 15 Active/Air National Guard (ANG) Predator A/B Squadrons. We've announced 2 ANG locations and we're progressing on the details for the remaining 13. This will significantly enhance our Area of Responsibility (AOR) in CENTCOM and SOUTHCOM.
- To make all this happen, we need to ensure that the USAF can deliver to the AOR the necessary support and logistics.
- We are exploring various options for the rapid way to fully man these squadrons with trained pilots, imagery analysts, and maintenance specialists. We're exploring options for the rapid way to identify the trained individuals required for these units in the AOR.
- We will continue to work with the AOR to ensure that the Predator B can deliver the necessary support and logistics.
- We will ask for support from the AOR to ensure that the Predator B can deliver the necessary support and logistics.

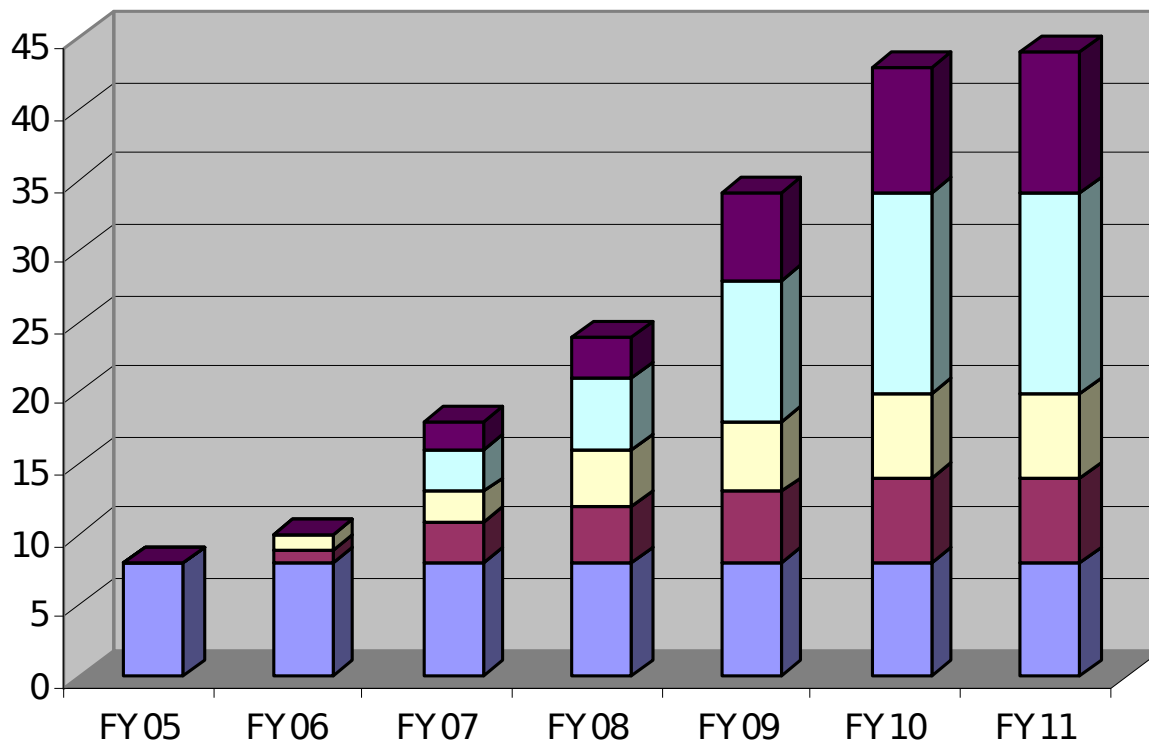
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CSAF  
VCSAF



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# MQ-1 Orbit Growth

C  
O  
M  
B  
A  
T  
  
O  
R  
B  
I  
T  
S



**ANG SURGE**  
(1 orbit/loc)

**ANG FOC**  
(2  
orbits/loc)

**ANG IOC**  
(2 x loc)=1  
orbit

**AFSOC/  
AFRC6**  
orbits

**AD**  
8 orbits

**Orbit Growth based on MAC delivery in Dec 05**





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# Title 10/32 Amendments

- “Integrated Units” -- Composed of Active, Guard, and Reserve components
  - **Technicians and AGRs may train others despite their status**
  - Guard members of Integrated Units can perform federal military missions on state status
  - End strength and G.O. authorization counted against organization of origin
  - Active, Guard or Reserve authorized to command
    - Commanders have full command authority over all personnel
    - Amendments apply to commanders at all levels of integrated unit
    - Commanders in dual status cannot violate *Posse Comitatus*
- **Enables** - Maximum flexibility for Air Force leadership to tailor organization based on mission requirements
  - **Empowers** - All AF organizations to leverage strengths and capabilities ... and mitigate tempo

**Integrated Units Organized To Accomplish Mission as a  
Total Force**



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# ***FTF CSAF Test Initiatives***

<b>F/A-22 Associatio n (AD/ANG)</b>	<b>Richmond -Langley</b>		<b>Finalized and Signed</b>	<b>Finalize d and signed</b>		<b>FY07 FY08 - ACC</b>	<b>TBD</b>
<b>Classic Associate (AD/AFRC )</b>	<b>Hill</b>		<b>In Bottomline Coord</b>			<b>FY05</b>	<b>TBD</b>
<b>AWFC (AD/AFRC/ ANG)</b>	<b>Nellis</b>		<b>In Topline Coord</b>	<b>AFR personn el in place</b>		<b>FY05</b>	<b>TBD</b>
<b>Predator (UE)</b>	<b>NY</b>		<b>Under development</b>			<b>FY07</b>	<b>TBD</b>
<b>Predator (UE)</b>	<b>TX</b>		<b>Under development</b>	<b>Under Developme nt</b>		<b>FY06</b>	<b>TBD</b>
<b>Predator (UE)</b>	<b>AZ</b>		<b>Under development</b>	<b>Under Developme nt</b>		<b>FY06</b>	<b>TBD</b>
<b>Communit y Basing (AD/ANG)</b>	<b>Burlingto n</b>		<b>In Topline Coord Det stand-up order published Personnel Id'd</b>	<b>MOU Signed</b>		<b>FY05</b>	<b>TBD</b>



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# Distributed

## Ground System (DGS)

**Mission Description:** Reach-back intelligence processing, exploitation and dissemination complex designed to provide actionable intelligence in near real-time data via imagery, electronic, and human intelligence analysis to combatant commanders and host of other users.

**Manpower Requirements:** Approximately 100 personnel from Intel and Comm/Computer career fields

**Training Requirements:** Training courses up to seven months with approximately 1 year lead time. TS/SCI clearance required.

**Facility Requirements:** Core DGS ability to receive satellite downlink and push data to other DGS sites. Other sites require capability to process raw sensor data received from Core DGS. SCIF and access to broadband circuits required. Room to accommodate 10 to 15 work stations.

**Equipment Requirements:** Hardware and software to process raw data in imagery, ELINIT/SIGNIT and communications.

**Status:** Current sites exist to support Predator/U2/Global Hawk. Additional sites planned with growth in sensor acquisition equipment.



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# AOC and WFHQ Manpower Force

~~(MANFOR)~~

**Mission Description:** Manpower package designed to support wartime manpower requirements at all levels of command. Analyzing the manpower package to be employed with 7FVX1 to provide decisive airpower through effective C2 in support of CINCs worldwide.

**Manpower Requirements:** 60 Officers, 80 Enlisted, 8 Officer ART, 2 Enlisted ART, 2 Officer AGR, and 3 Enlisted AGR (701 COS numbers)

**Training Requirements:** Maintain 50 AFSCs, with flying career fields requiring IQT, MQT, MC and CT

**Facility Requirements:** As directed by UTC

**Equipment Requirements:** As directed by UTC

**Status:** Implemented by 701 COS, 157 AOG in St. Louis, MO, 152 AOG in Syracuse, NY, 112 AOS in College Station, PA. Currently NGB is working FTF for AOC and require the RegAF to say how many and what type of unit they require.



# Battlefield Airmen (BA)

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**Mission Description:** BA consists of following missions/career fields:

- Air Supt Operations Centers (ASOC)/Tactical Air Control Party (TACP) that provide USAF advice and direct field support for US Army, USAR and ARNG
- Battlefield Weather Teams (BWT) support US Army & Special Operation Forces (SOF)
- Combat Control Teams (CCT) and Special Tactics Teams (SST) directly support SOF
- Combat Rescue includes AFSOC Combat Search and Rescue (CSAR) & SOF support

**Manpower Requirements:** Multiple AFSCs involved

- New ARC requirements estimated as 520 in ASOC/TACP, 44 in BWT ARNG support
- CCT/SST and Combat Rescue positions TBD by AFSOC

**Training Requirements:** AFSC-dependent

- ASOC/TACP focus is Air Liaison Officer (ALO), Joint Terminal Attack Controller (JTAC) and C2 capabilities plus intelligence, communications and equipment support
- BWT requires standard meteorological training & advanced training for SOF support
- AFSOC positions require extensive and physically intensive specialized training

**Facility Requirements:** Mission-dependent

- Access to mission-specialized multiple type ranges/training airspace; possible SCIF requirements; locations regionalized for TACP support to USA/USAR/ARNG

**Equipment Requirements:** Mission-dependent

- Small numbers of highly specialized, state-of-the-art field equipment; some vehicles

**Status:**

- BA provide unique joint capabilities; strong focus on supporting USA transformation
- Capability to support additional training requirements in some AFSCs a question
- Added AFSOC requirements for ARC not clearly identified





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# Contingency

## ~~Response Group (CRG)~~

**Mission Description:** Participate in the full spectrum of operations ranging from deployments to limited regional conflicts to major combat operations. Secure and protect airfields, rapidly assess and open airbases, and perform initial airfield / airbase operations to ensure a smooth transition to subsequent operations.

**Manpower Requirements:** 14 officers, 127 enlisted, and 1 civilian with augmentation forces to facilitate transfer to combat operations.

**Training Requirements:** Formal Training unit will train and certify as “Core CRG” qualified. Currently at Fort Dix, NJ.

**Facility Requirements:** Wing, Group and Squadron Operations buildings with capability to maintain UTC equipment.

**Equipment Requirements:** Existing UTC equipment associated with Civil Engineering to open and transition airfield operations as well as security and defense equipment.

**Status:** AMC reorganization complete for 2 CRW. Studying ARC participation in augmentation and training.



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# Information Operations

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**Mission Description:** initiatives designed to improve Information Operations capabilities throughout the spectrum of this type of mission.

**Manpower Requirements:** these units range in size from several personnel to several hundred. They may be formed as stand alone units or detachments, based on size and mission scope

**Training Requirements:** AFSCs are primarily in the communications, communications repair, and intelligence career fields.

**Facility Requirements:** TBD

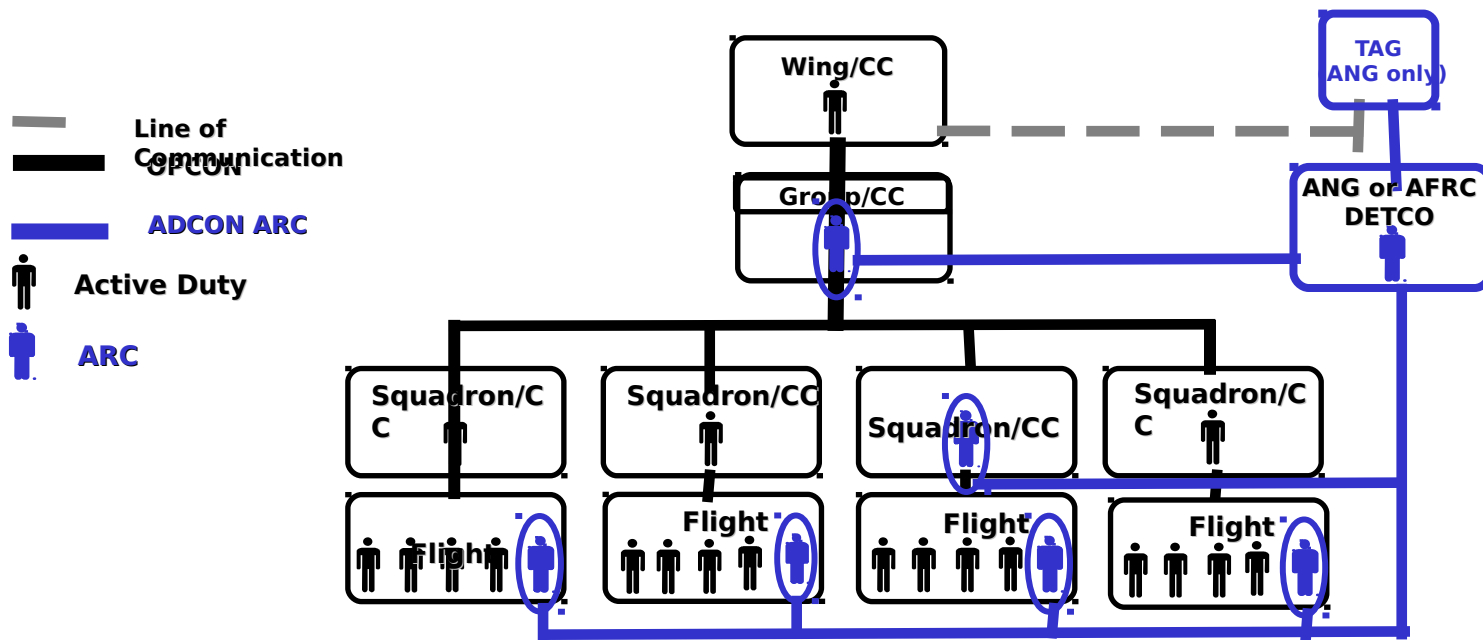
**Equipment Requirements:** varies based on mission but generally there are specialized requirements in the area of Comm Equip, and SCIF.

**Status:** IO Steering Group, Ongoing efforts from AFIWC/CCR as co-chairs, and including (at a minimum) AFRC/DOI/XP, AF/XOIW, ANG/SIZ, ACC/DOZ/SCN, and AIA/XP



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# Integrated Associate



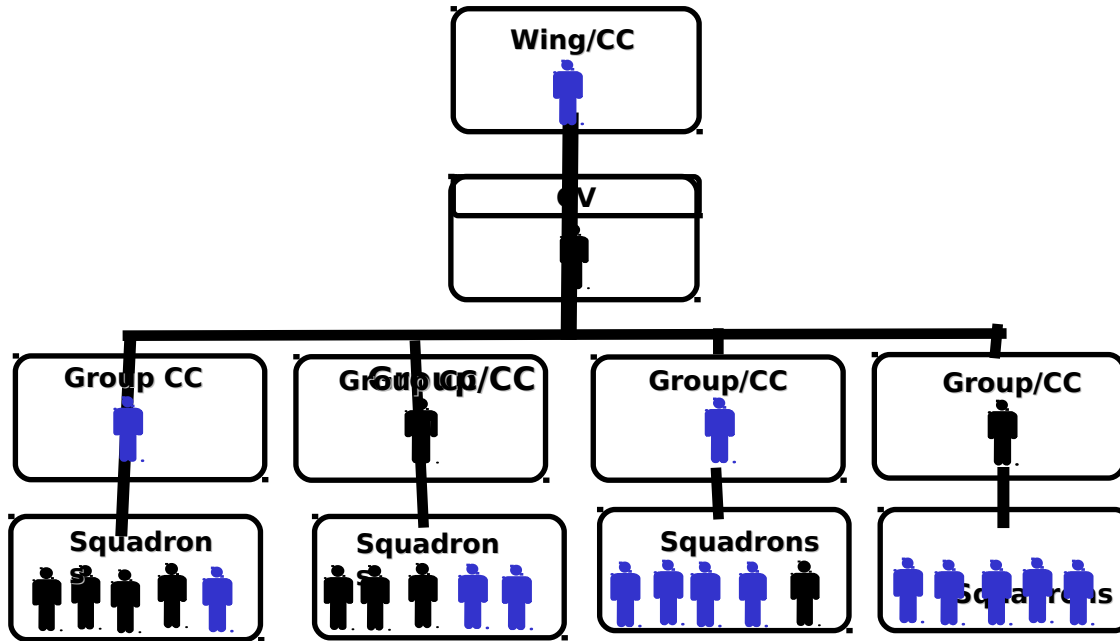
**An integration model similar to the classic associate model, however members of all components belong to one unit with administrative control and support provided by the respective component via detachments.**

**Example: AFRC involvement at SUPT bases**



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# Fully Integrated



**An integration model where members from different components comprise a single organization, falling under the same chain of command.**

**Example: None currently exist**

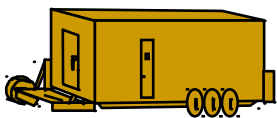
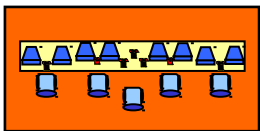
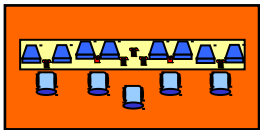


# ***ANG Predator Equipment***

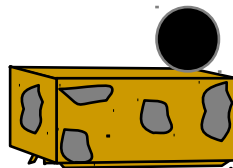
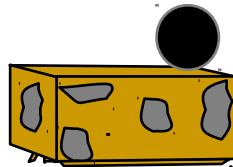
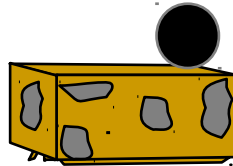
**U.S. AIR FORCE**

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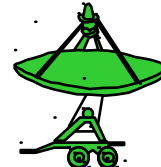
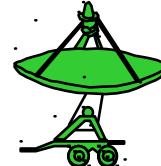
**3 x Ground  
Control Station  
2 x Fixed MAC  
GCS  
1 x Mobile GCS**



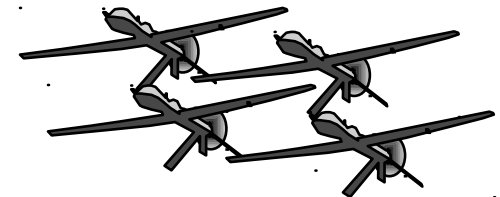
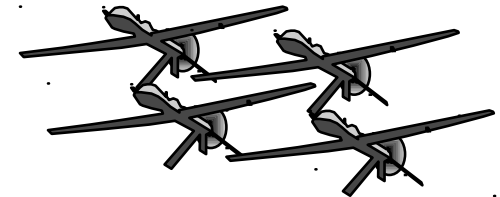
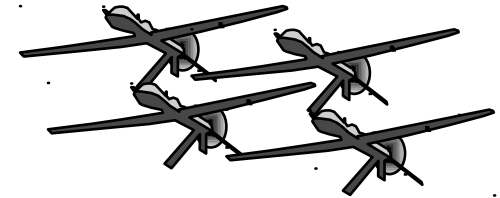
**3 x Launch &  
Recovery GCS  
(LRGCS)**



**2 x Predator  
Primary  
Satellite Link  
(PPSL)**



**12 x MQ-1  
(Predator A)**



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***Integrity - Service - Excellence***



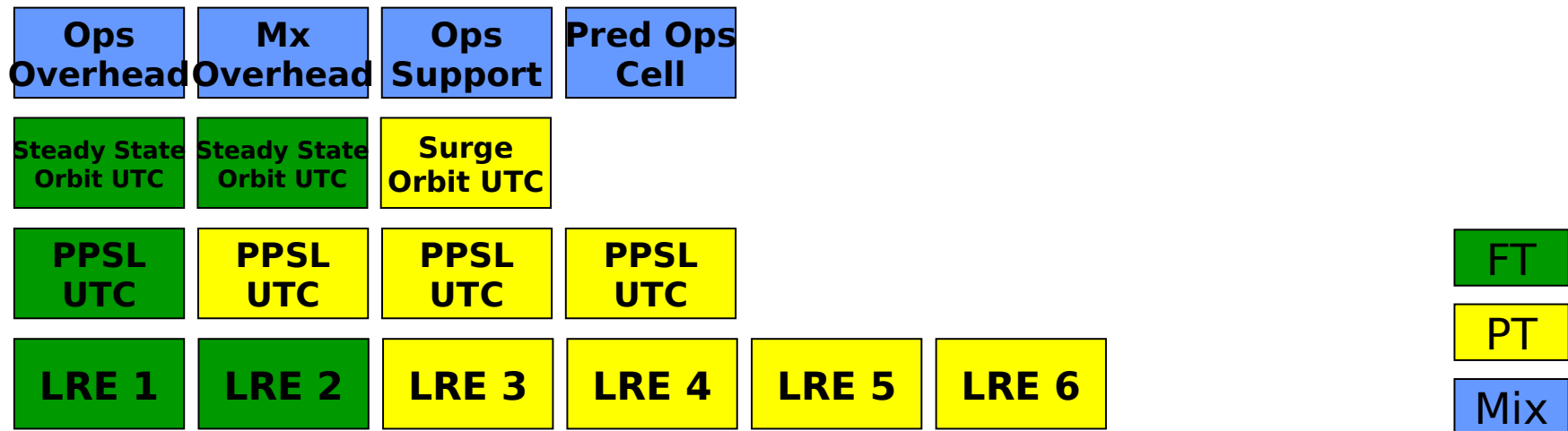


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# ANG Predator Manpower

*(subject to significant changes)*

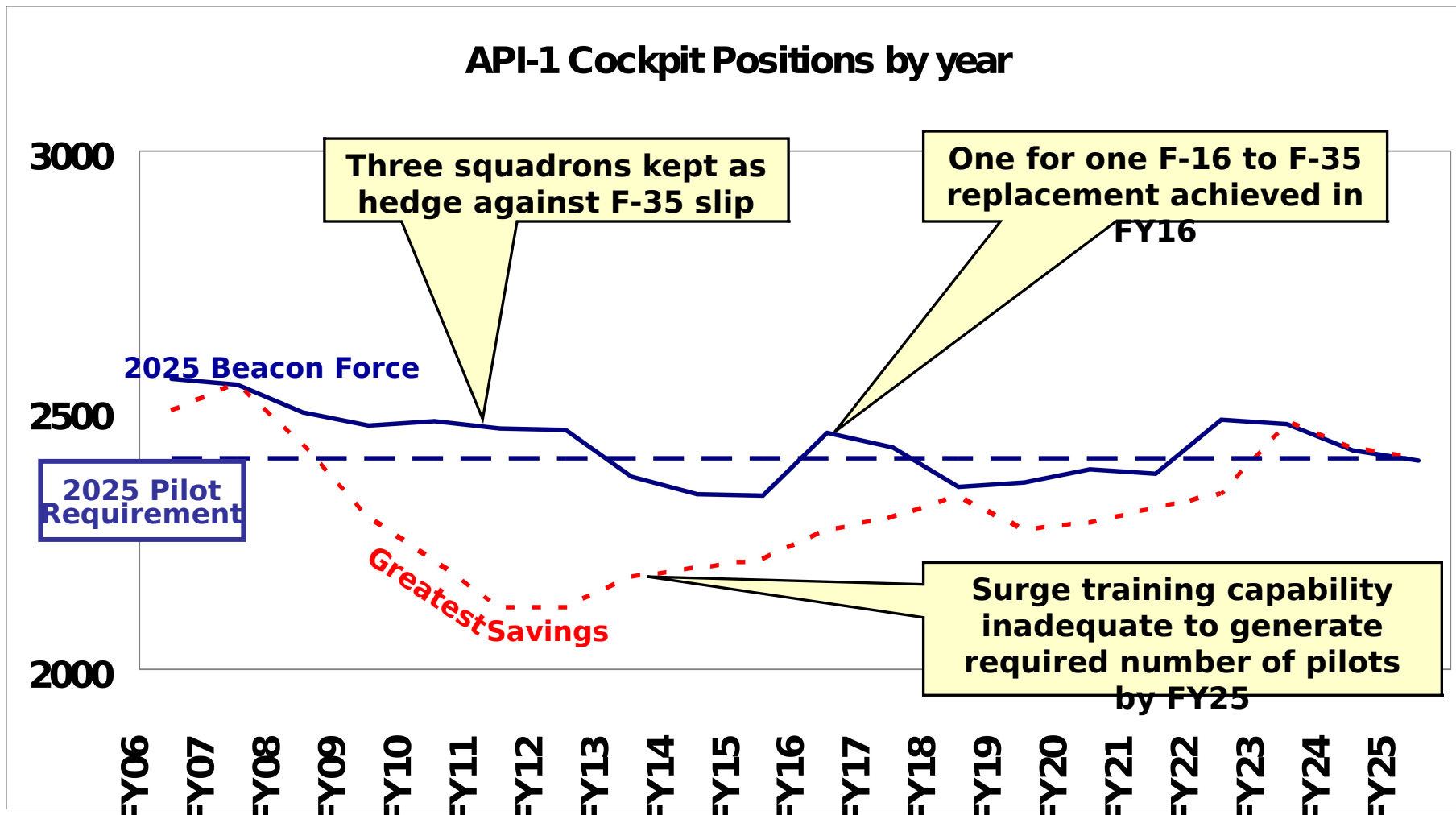
- **Overhead: 69 (34 x FT / 35 x PT)**
  - Command / Maintenance Support / Operations Support
- **Ground Control Station (GCS): 72 (48 x FT / 24 x PT)**
  - 3 x Orbits [2 x Steady State (FT), & 1 x Surge (PT)]
- **Predator Ops Cell (POC): 54 (54 x FT / 0 x PT)**
- **Predator Primary Satellite Link (PPSL): 16 (4 x FT / 12 x PT)**
- **Launch & Recovery Element (LRE): 240 (80 x FT / 160 x PT)**
  - 6 x LRE personnel-only UTCs (2 x FT / 4 x PT)
- **Total Manpower: 451 (220 x FT = 49% / 231 x PT = 51%)**
- **Note: Manpower estimates do NOT include any BOS**





# Rated Management

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# ***Summary***

**Discussed but a few of many emerging missions**

- Many are new to the Air Force as a whole**
- AD, ANG and AFRC are breaking new ground in partnership**

**The Reserve Components are vital and willing partners**

- Working closely with the ANG, TAGs, and AFRC to align new missions with uncovered manpower**
- ANG and AFRC will retain a vital role in flying operations**
- F-22 Association between 1FW (ACC) and 192 FW (VA ANG)**
- Reachback missions ideally suited to ARC**

**Future Total Force initiatives seek to obtain the most efficient and effective utilization of all components to maximize combat power**